

LaJuana S. Wilcher
Secretary

AIR QUALITY PERMIT

Issued under 401 KAR 52:040
State-origin Permits

Ernie Fletcher
Governor



Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

Permittee Name: Rumpke of Kentucky, Inc.
Mailing Address: 1374 Bryan Griffin Road
Butler, KY-41006

is authorized to operate soil shredders/screeners.

Source Name: Rumpke of Kentucky, Inc.
Mailing Address: Rumpke of Kentucky, Inc. 1374 Bryan Griffin Road
Butler, KY-41006

Source ID #: 21-191-09130
Source AI #: 51447
Activity #: APE20040002

SIC Code: 4953
County: Pendleton

Permit Number: S-04-112

Permit Type: State Operating

Regional Office: Florence Regional
8020 Veterans Memorial Dr.
Suite 110,
Florence, KY 41042
(859) 525-4157

Completion Date: February 8, 2005
Issuance Date: February 10, 2005
Expiration Date: February 10, 2015

John S. Lyons, Director
Division for Air Quality

State-Origin Operating
Rumpke of KY - Portable Soil Shredder
Subject Item Inventory

Activity ID No.: APE20040002

Subject Item Inventory:

ID	Designation	Description
AIOO51447	Source	General Requirements for Pendelton County Unit
EQPT1	1	Load-Out from Soil Stock Pile Date Installed: June 2000 SCC Code: 30504603 SCC Unit: Tons Processed
EQPT2	2	Load-in to Soil Shredder Date installed: June 2000 SCC Code: 30504603 SCC Units: Tons Processed
EQPT3	3	Shredding/Screening Operations date Installed: June 2000 SCC Code: 30504629 SCC UNits: Tons Processed
EQPT4	4	Load-out-Soil Shredder/Screeners Date Installed: June 2000 SCC Code: 30504670 SCC Units: Tons Processed
EQPT5	5	Conveying Operations Date Installed: June 2000 SCC Code: 30504670 SCC Units: Tons Processed
EQPT6	6	Load-Out from Conveyor Date Installed: June 2000 SCC Code: 30504670 SCC Units: Tons Processed
EQPT7	7	Load-out from Stock Pile Date Installed: June 2000 SCC Code: 30504670 SCC Units: Tons Processed

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ID	Designation	Description
EQPT8	9	Diesel IC Engine 1 1.12 mmBtu/hr Power Output:160 Primary Fuel: Diesel Industrial Engine Date Installed: June 2000 SCC Code:20200102
EQPT9	10	Deisel IC Engine 2 1.12 mmBtu/hr Power Output:160 Primary Fuel: Diesel Industrial Engine Date Installed: June 2000 SCC Code:20200102
STOR1	8	Wind Erosion/Storage Date Installed:June 2000 SCC Code:30504671 SCC Units:Tons Processed

Subject Item Groups:

ID	Description	Components
GACT1	(EQPT 1,2,3,4,5,6,9 & STOR 1)	EQPT5 Conveying Operations Date Installed:June 2000 SCC Code:30504670 SCC Units:Tons Processed
		EQPT3 Shredding/Screening Operations date Installed:June 2000 SCC Code:30504629 SCC UNits:Tons Processed
		EQPT2 Load-in to Soil Shredder Date installed:June 2000 SCC Code:30504603 SCC Units:Tons Processed

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ID	Description	Components
GACT1	(EQPT 1,2,3,4,5,6,9 & STOR 1)	EQPT1 Load-Out from Soil Stock Pile Date Installed:June2000 SCC Code:30504603 SCC Unit:TOns Processed <hr/> EQPT6 Load-Out from Conveyor Date Installed:June 2000 SCC Code:30504670 SCC Units:Tons Processed <hr/> EQPT9 Deisel IC Engine 2 1.12 mmBtu/hr Power Output:160 Primary Fuel: Diesel Industrial Engine Date Installed: June 2000 SCC Code:20200102 <hr/> STOR1 Wind Erosion/Storage Date Installed:June 2000 SCC Code:30504671 SCC Units:Tons Processed <hr/> EQPT4 Load-out-Soil Shredder/Screener Date Installed:June 2000 SCC Code:30504670 SCC Units:Tons Processed
GACT2	(EQPT 7 & 8)	EQPT8 Diesel IC Engine 1 1.12 mmBtu/hr Power Output:160 Primary Fuel: Diesel Industrial Engine Date Installed: June 2000 SCC Code:20200102

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ID	Description	Components
GACT2	(EQPT 7 & 8)	EQPT7 Load-out from Stock Pile Date Installed: June 2000 SCC Code: 30504670 SCC Units: Tons Processed

KEY

ACTV = Activity

AREA = Area

EQPT = Equipment

PERS = Personnel

STOR = Storage

TRMT = Treatment

AIOO = Agency Interest

COMB = Combustion

MNPT = Monitoring Point

PORT = Transport

STRC = Structure

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AIOO51447 (Source) General Requirements for Pendelton County Unit:

Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>SEMIANNUAL REPORTS:</p> <p>The permittee shall submit report(s): Due semiannually, by the 30th of January and July to the Division's Frankfort Field Operation Branch, 803 Schenkel Lane, Frankfort, Kentucky 40601 at least every six (6) months during the life of this permit. This report shall be a summary of any monitoring required by this permit, other than continuous emission or opacity monitors. For emission units that had not yet begun construction, were still under construction, or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation. All reports shall be certified by a responsible official. All deviations from permit requirements shall be clearly identified in the reports. [401 KAR 52:040 Section 21]</p>
S-2	<p>COMPLIANCE CERTIFICATION:</p> <p>The permittee shall certify compliance with the terms and conditions contained in this permit and shall submit compliance certification: Due annually, by the 30th of January to the Regional Office listed on the front of this permit. Compliance Certification Form (DEP 7007CC) (or an approved alternative) shall be used in accordance with the following requirements:</p> <ol style="list-style-type: none">Identification of the term or condition;Compliance status of each term or condition of the permit;Whether compliance was continuous or intermittent;The method used for determining the compliance status for the source, currently and over the reporting period, andFor emission units that had not yet begun construction, were still under construction, or which had not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is not in operation and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.The certification shall be postmarked by January 30th of each year. Annual compliance certifications should be mailed to the Regional Office listed on the front of this permit and the following address: <p>Division for Air Quality Central Files 803 Schenkel Lane Frankfort, KY 40601. [401 KAR 52:040 Section 19]</p>

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Submittal/Action Requirements:

Condition No.	Condition
S-3	<p>PERFORMANCE TESTS:</p> <p>This permit shall allow time for the initial start-up, operation and (performance testing and/or compliance demonstration) of the affected facilities listed herein. However, within 60 days after achieving the maximum production rate at which the affected facilities will be operated, but not later than 180 days after initial start-up of such facilities, the owner or operator shall demonstrate compliance to a duly authorized representative of the Division. [401 KAR 59:005 Section 2(1)] The permittee shall complete and submit Compliance Test Protocol (Form DEP 6027): Due at least 30 days prior to performance/emissions test to the Regional Office listed on the front of this permit. [Policy Manual of the Division of Air Quality, Section VII 2.(1)][401 KAR 50:016 Section 1(1)] The protocol form shall be utilized by the Division to determine if a pretest meeting is required. The Division shall be notified of the actual test date at least 10 working days prior to the test(s). [401 KAR 50:045 Section 5]</p>
S-4	<p>PERMIT EXPIRATION AND REAPPLICATION REQUIREMENTS:</p> <p>This permit shall remain in effect for a fixed term of ten (10) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division. The permittee shall submit permit application for renewal: Due 180 calendar days before permit expiration date to the Division. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division. [401 KAR 52:040 Section 15]</p>

Narrative Requirements:

Condition No.	Condition
T-1	<p>SECTION A. PERMIT AUTHORIZATION. [401 KAR 52:040]</p>

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Narrative Requirements:

Condition No.	Condition
T-2	<p>A1. Pursuant to a duly submitted application, the Kentucky Division for Air Quality hereby authorizes the construction and/or operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.</p> <p>The permittee shall not construct, reconstruct, or modify an affected facility without first having submitted a complete application and received a permit for the planned activity from the Division, except as provided in this permit or in 401 KAR 52:040, State-origin permits.</p> <p>Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies. [401 KAR 52:040]</p>
T-3	<p>A1. Pursuant to a duly submitted application, the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.</p> <p>The permittee shall not construct, reconstruct, or modify an affected facility without first having submitted a complete application and received a permit for the planned activity from the Division, except as provided in this permit or in 401 KAR 52:040, State-origin permits.</p> <p>Issuance of this permit does not relieve the permittee from the responsibility of obtaining other permits, licenses, or approvals that may be required by the Cabinet or other federal, state, or local agencies. [401 KAR 52:040]</p>
T-4	<p>A2. At least 15 days prior to moving the portable operation to any other site in the Commonwealth of Kentucky (excluding Jefferson County), the permittee shall provide written notification and submit a completed DEP7007AI form to reflect the change in location to Division for Air Quality's Frankfort Field Operations Branch, 803 Schenkel Lane, Frankfort, Kentucky 40601. In addition, if the date of the intended operation is canceled or rescheduled, the permittee shall notify the Division at least 5 days prior to the new date of the intended operation. [401 KAR 52:040]</p>
T-5	<p>SECTION B. ADMINISTRATIVE REQUIREMENTS. [401 KAR 52:040]</p>
T-6	<p>B1. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:040, Section 3(1)(b) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit. [401 KAR 52:040 Section 3(1)(b)]</p>
T-7	<p>B2. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1a (11)]. [401 KAR 52:040 Section 23]</p>

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Narrative Requirements:

Condition No.	Condition
T-8	B3. This permit may be revised, revoked, reopened, reissued, or terminated for cause. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance shall not stay any permit condition. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1a (4) and (5)]. [401 KAR 52:040 Section 23]
T-9	B4. This permit does not convey property rights or exclusive privileges. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1a, 8]. [401 KAR 52:040 Section 23]
T-10	B5. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance. [401 KAR 52:040 Section 11(3)]
T-11	B6. This permit shall be subject to suspension at any time the permittee fails to pay all fees within 90 days after notification as specified in 401 KAR 50:038 Section 3(6)(b), Air emissions fee. The permittee shall submit an annual emissions certification. [401 KAR 52:040 Section 20]
T-12	B7. All previously issued construction and operating permits are hereby null and void. [401 KAR Chapter 52]
T-13	SECTION C. RECORD KEEPING REQUIREMENTS. [401 KAR 52:040]
T-14	C1. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of at least five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Sections 1b (IV)(2) and 1a (7)]. [401 KAR 52:040 Section 23]
T-15	C2. The permittee shall perform compliance certification and recordkeeping sufficient to assure compliance with the terms and conditions of the permit. Documents, including reports, shall be certified by a responsible official. [401 KAR 52:040 Section 21]
T-16	SECTION D. REPORTING REQUIREMENTS. [401 KAR 52:040]

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Condition No.	Condition
T-17	<p>D1. a. The permittee shall notify the Division for Air Quality's Frankfort Field Operation Branch, 803 Schenkel Lane, Frankfort, Kentucky 40601, concerning startups, shutdowns, or malfunctions as follows</p> <p>i. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.</p> <p>ii. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall submit written notice upon request.</p> <p>b. The permittee shall promptly report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Reporting Requirement condition D1.a above), the probable cause of the deviation, and corrective or preventive measures taken; to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1b, V(3)]. [401 KAR 50:055 Section 1]</p>
T-18	<p>D2. The permittee shall furnish information requested by the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the permit. [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1a, 6]. [401 KAR 52:040 Section 23]</p>
T-19	<p>SECTION E. INSPECTIONS. [401 KAR 52:040]</p>
T-20	<p>E1. The permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:</p> <p>a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;</p> <p>b. To access and copy any records required by the permit;</p> <p>c. Inspect any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit.</p> <p>d. Sample or monitor substances or parameters to assure compliance with the permit or any applicable requirements.</p> <p>Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency. [401 KAR 52:040 Section 3(1)(f)]</p>
T-21	<p>SECTION F. EMERGENCIES/ENFORCEMENT PROVISIONS. [401 KAR 52:040]</p>
T-22	<p>F1. The permittee shall not use as defense in an enforcement action, the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Cabinet Provisions and Procedures for Issuing State Origin Permits, Section 1a, 3]. [401 KAR 52:040 Section 23]</p>

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Narrative Requirements:

Condition No.	Condition
T-23	<p>F2. An emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:</p> <ul style="list-style-type: none">a. An emergency occurred and the permittee can identify the cause of the emergency;b. The permitted facility was at the time being properly operated;c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; andd. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency and included a description of the emergency, steps taken to mitigate emissions, and corrective actions taken. <p>These provisions are in addition to any emergency or upset provision contained in an applicable requirement. [401 KAR 52:040 Section 22(1)]</p>
T-24	<p>F3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [401 KAR 52:040 Section 22(2)]</p>
T-25	<p>SECTION G. COMPLIANCE. [401 KAR 52:040]</p>
T-26	<p>G1. Periodic testing or instrumental or non-instrumental monitoring, which may consist of record keeping, shall be performed to the extent necessary to yield reliable data for purposes of demonstration of continuing compliance with the conditions of this permit. For the purpose of demonstration of continuing compliance, the following guidelines shall be followed:</p> <ul style="list-style-type: none">a. Pursuant to 401 KAR 50:055, General compliance requirements, Section 2(5), all air pollution control equipment and all pollution control measures proposed by the application in response to which this permit is issued shall be in place, properly maintained, and in operation at any time an affected facility for which the equipment and measures are designed is operated, except as provided by 401 KAR 50:055, Section 1.b. All the air pollution control systems shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers. A log shall be kept of all routine and non routine maintenance performed on each control device.c. A log of the monthly raw material consumption and/or monthly production rates shall be kept available at the facility. Compliance with the emission limits may be demonstrated by computer program, spread sheets, calculations or performance tests as may be specified by the Division. [401 KAR 50:055 Section 2]
T-27	<p>G2. Permit Shield - A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with all:</p> <ul style="list-style-type: none">(a) Applicable requirements that are included and specifically identified in this permit; or(b) Non-applicable requirements expressly identified in this permit. [401 KAR 52:040 Section 11]

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GACT1 (Fugitive Emissions) (EQPT 1,2,3,4,5,6,9 & STOR 1):

Narrative Requirements:

Condition No.	Condition
T-1	No person shall cause, suffer, or allow any material to be handled, processed, transported, or stored; a building or its appurtenances to be constructed, altered, repaired, or demolished, or a road to be used without taking reasonable precaution to prevent particulate matter from becoming airborne. [401 KAR 63:010 Section 3(1)]
T-2	Such reasonable precautions shall include, when applicable, but not be limited to the following: use, where possible, of water or chemicals for the control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the cleaning of land. [401 KAR 63:010 Section 3(1)(a)]
T-3	Such reasonable precautions shall include, when applicable, but not be limited to the following: application and maintenance of asphalt, oil, water, or suitable chemicals on roads, material stockpiles, and othe surfaces which can create airborne dusts. [401 KAR 63:010 Section 3(1)(b)]
T-4	Such reasonable precautions shall include, when applicable, but not be limited to the following: installation and use of hoods, fans, or fabric filters to enclose and vent the handling of dusty materials, or the use of water sprays or other measures to suppress the dust emissions during handling. Adequate containment methods shall be employed during sandblasting or other similar operations. [401 KAR 63:010 Section 3(1)(c)]
T-5	Such reasonable precautions shall include, when applicable, but not be limited to the following: covering, at all times when in motion, open bodied trucks transporting materials likely to become airborne. [401 KAR 63:010 Section 3(1)(d)]
T-6	Such reasonable precautions shall include, when applicable, but not be limited to the following: the maintenance of paved roadways in a clean condition. [401 KAR 63:010 Section 3(1)(e)]
T-7	Such reasonable precautions shall include, when applicable, but not be limited to the following: the prompt removal of earth or other material from a paved street which earth or other material has been transported thereto by trucking or earth moving equipment or erosion by water. [401 KAR 63:010 Section 3(1)(f)]
T-8	The provisions of this administrative regulation shall not apply to agricultural practices, such as tilling of land or application of fertilizers, which take place on a farm. [401 KAR 63:010 Section 3(4)]
T-9	The provisions of Section 3 (1) and (2) of this administrative regulation shall not be applicable to temporary blasting or construction operations. [401 KAR 63:010 Section 4(3)]
T-10	No one shall allow earth or other material being transported by truck or earth moving equipment to be deposited onto a paved street or roadway. [401 KAR 63:010 Section 4(4)]

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Narrative Requirements:

Condition No.	Condition
T-11	No person shall cause or permit the discharge of visible fugitive dust emissions beyond the lot line of the property on which the emissions originate. [401 KAR 63:010 Section 3(2)]

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GACT2 (Diesel Gens) (EQPT 7 & 8):

Narrative Requirements:

Applicable Regulations:

Condition

No. Condition

T-1 Applicable Regulations: There are no applicable requirements to these units other than the general applicable requirements. [401 KAR 52:040]